

**THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE PROPERTY  
OR PRIVILEGE IS CLAIMED ARE DEFINED AS THE FOLLOWS:**

1. A method for providing customized provisioning of an application program on a runtime environment of a terminal, the application including application content having at least one specified content type, the method comprising the steps of:

obtaining the application content by the runtime environment;

obtaining by the runtime environment a set of provisioning instructions related to the application content, the provisioning instructions coupled to the application for specifying a provisioning API set for provisioning the application content; and

executing by the runtime environment the provisioning instructions for employing the API set to provision the application according to the specified content type.

2. The method according to claim 1, wherein provisioning control of the application content is shared between the runtime environment and the application through the coupled provisioning instructions.

3. The method according to claim 2 further comprising the step of employing a provisioning service to direct the provisioning API, the service configured for recognising the provisioning instructions.

4. The method according to claim 3 further comprising the step of the service customizing the provisioning process and the associated provisioning API set according to the provisioning instructions.

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2 5. The method according to claim 4, wherein the service is shared by a plurality of the  
3 applications.

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5 6. The method according to claim 3 further comprising the step of employing a standard one  
6 of the provisioning API set by the service;

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8 7. The method according to claim 6 further comprising the step of obtaining remotely a  
9 custom API via a network coupled to the terminal.

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11 8. The method according to claim 2, wherein the provisioning instructions are selected from  
12 the group comprising code, script, and configuration data,

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14 9. The method according to claim 8, wherein the provisioning instructions are embedded in  
15 the application content.

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17 10. The method according to claim 8, wherein the provisioning instructions are separate from  
18 the application content.

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20 11. The method according to claim 10 further comprising the step of accessing the  
21 provisioning instructions remotely from the terminal.

1 12. The method according to claim 11, wherein the remote access of the provisioning  
2 instructions is in conjunction with a networked repository.

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4 13. The method according to claim 12, wherein the terminal is selected from the group  
5 comprising wired devices and wireless devices.

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7 14. The method according to claim 5, wherein a generic API is included in the provisioning  
8 API set, the generic API configured for addressing by at least two dissimilar ones of the  
9 specified content type.

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11 15. The method according to claim 14 further comprising the step of employing a series of  
12 enablers for providing access to corresponding selected ones of the generic API, each of the  
13 enablers associated with a predefined content type.

14  
15 16. The method according to claim 2, wherein a generic API is included in the provisioning  
16 API set, the generic API configured for addressing by at least two dissimilar ones of the  
17 specified content type.

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19 17. The method according to claim 16 further comprising the step of employing a series of  
20 enablers for providing access to corresponding selected ones of the generic API, each of the  
21 enablers associated with a predefined content type.

1 18. The method according to claim 17, wherein the enabler is an executable unit that  
2 executes provisioning instruction requests for the predefined content type.

3  
4 19. The method according to claim 18 further comprising the step of obtaining the enabler  
5 selected from the group comprising: locally on the terminal by a provisioning service; bundled  
6 with a content descriptor of the application content; and remotely from the terminal by the  
7 provisioning service.

8  
9 20. The method according to claim 5, wherein the provisioning instructions were amended  
10 prior to the step of obtaining the provisioning instructions by the runtime environment.

11  
12 21. A terminal for providing customized provisioning of an application program on a runtime  
13 environment, the application including application content having at least one specified content  
14 type, the terminal comprising:

15 a processing framework for obtaining the application content;  
16 a provisioning API set included in the processing framework for provisioning the  
17 application content; and  
18 a set of provisioning instructions related to the application content, the provisioning  
19 instructions coupled to the application for specifying selected ones of the provisioning API set.

20  
21 22. The terminal according to claim 21, wherein provisioning control of the application  
22 content is shared between the framework and the application through the coupled provisioning  
23 instructions.

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2 23. The terminal according to claim 22 further comprising a provisioning service to direct the  
3 provisioning API, the service configured for recognising the provisioning instructions.

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5 24. The terminal according to claim 23 wherein the service is configured for customizing the  
6 provisioning process and the associated provisioning API set according to the provisioning  
7 instructions.

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9 25. The terminal according to claim 24, wherein the service is shared by a plurality of the  
10 applications.

11  
12 26. The terminal according to claim 23, wherein the service employs a standard one of the  
13 provisioning API set;

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15 27. The terminal according to claim 26, a custom API is obtained remotely by the service via  
16 a network coupled to the terminal.

17  
18 28. The terminal according to claim 22, wherein the provisioning instructions are selected  
19 from the group comprising code, script, and configuration data,

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21 29. The terminal according to claim 28, wherein the provisioning instructions are embedded  
22 in the application content.

1 30. The terminal according to claim 28, wherein the provisioning instructions are separate  
2 from the application content.

4 31. The terminal according to claim 30, wherein the provisioning instructions are configured  
5 for obtaining the remotely from the terminal.

7 32. The terminal according to claim 31, wherein the remote access of the provisioning  
8 instructions is in conjunction with a networked repository.

10 33. The terminal according to claim 32, wherein the terminal is selected from the group  
11 comprising wired devices and wireless devices.

13 34. The terminal according to claim 25, wherein a generic API is included in the provisioning  
14 API set, the generic API configured for addressing by at least two dissimilar ones of the  
15 specified content type.

17 35. The terminal according to claim 34 further comprising a series of enablers for providing  
18 access to corresponding selected ones of the generic API, each of the enablers associated with a  
19 predefined content type.

21 36. The terminal according to claim 22, wherein a generic API is included in the provisioning  
22 API set, the generic API configured for addressing by at least two dissimilar ones of the  
23 specified content type.

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2 37. The terminal according to claim 36 further comprising a series of enablers for providing  
3 access to corresponding selected ones of the generic API, each of the enablers associated with a  
4 predefined content type.

5  
6 38. The terminal according to claim 37, wherein the enabler is an executable unit that  
7 executes provisioning instruction requests for the predefined content type.

8  
9 39. The terminal according to claim 38, wherein the enabler location is selected from the  
10 group comprising: locally on the terminal by a provisioning service; bundled with a content  
11 descriptor of the application content; and remotely from the terminal by the provisioning service.

12  
13 40. The terminal according to claim 25, wherein the provisioning instructions were amended  
14 prior to the step of obtaining the provisioning instructions by the runtime environment.

15  
16 41. A method for providing customized provisioning of an application program on a runtime  
17 environment of a terminal, the application including application content having at least one  
18 specified content type, the method comprising the steps of:

19 sending the application content for receipt by the runtime environment;

20 sending a set of provisioning instructions related to the application content for receipt by  
21 the runtime environment, the provisioning instructions coupled to the application for specifying  
22 a provisioning API set for provisioning the application content; and

making available selected ones of the API provisioning set for use by the provisioning instructions;

wherein execution of the provisioning instructions employs the API provisioning set to provision the application according to the specified content type.

42. A computer program product for providing customized provisioning of an application program on a runtime environment of a terminal, the application including application content having at least one specified content type, the computer program product comprising:

a computer readable medium;

a processing framework module stored on the computer readable medium for obtaining the application content;

a provisioning module coupled to the framework module, the provisioning module configured for utilising a provisioning API set for provisioning the application content; and

an interpreter module coupled to the framework module, the interpreter module configured for executing a set of provisioning instructions related to the application content, the provisioning instructions associated with the application for specifying selected ones of the provisioning API set.